

**ecology and environment, inc.**

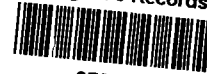
111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

## M E M O R A N D U M

DATE: October 2, 1986  
TO: File  
FROM: Ruth Ann Jacquette *Ref.*  
SUBJECT: Illinois/R05-8603-20/I10439  
Chicago/MSD #3  
ILD981194111

EPA Region 5 Records Ctr.



379330

The MSD #3 site is located in the north corner of the Metropolitan Sanitary District of Greater Chicago (M.S.D.G.C.) Calumet Sewage Treatment Works facility. A portion of the site consists of an inactive landfill. The remaining area is a vacant lowland area.

On June 2, 1986, Ecology and Environment/FIT members performed a site inspection and collected 5 surface soil samples at MSD #3. Al Michuda, Edward Pytel and Harold Coffey, representatives from M.S.D.G.C., were interviewed at this time. The site is completely fenced with a gate at the entrance which is manned 24 hours.

According to site representatives only gravel, grit, and sand from the preliminary treatment of sewage was disposed in the landfill. This material is nonhazardous. In 1974, closure proceedings began at the landfill, and by 1975 it was completely closed and covered with three feet of clay. Currently, a portion of the fill area is used for the storage of scrap metal which is sold once a year.

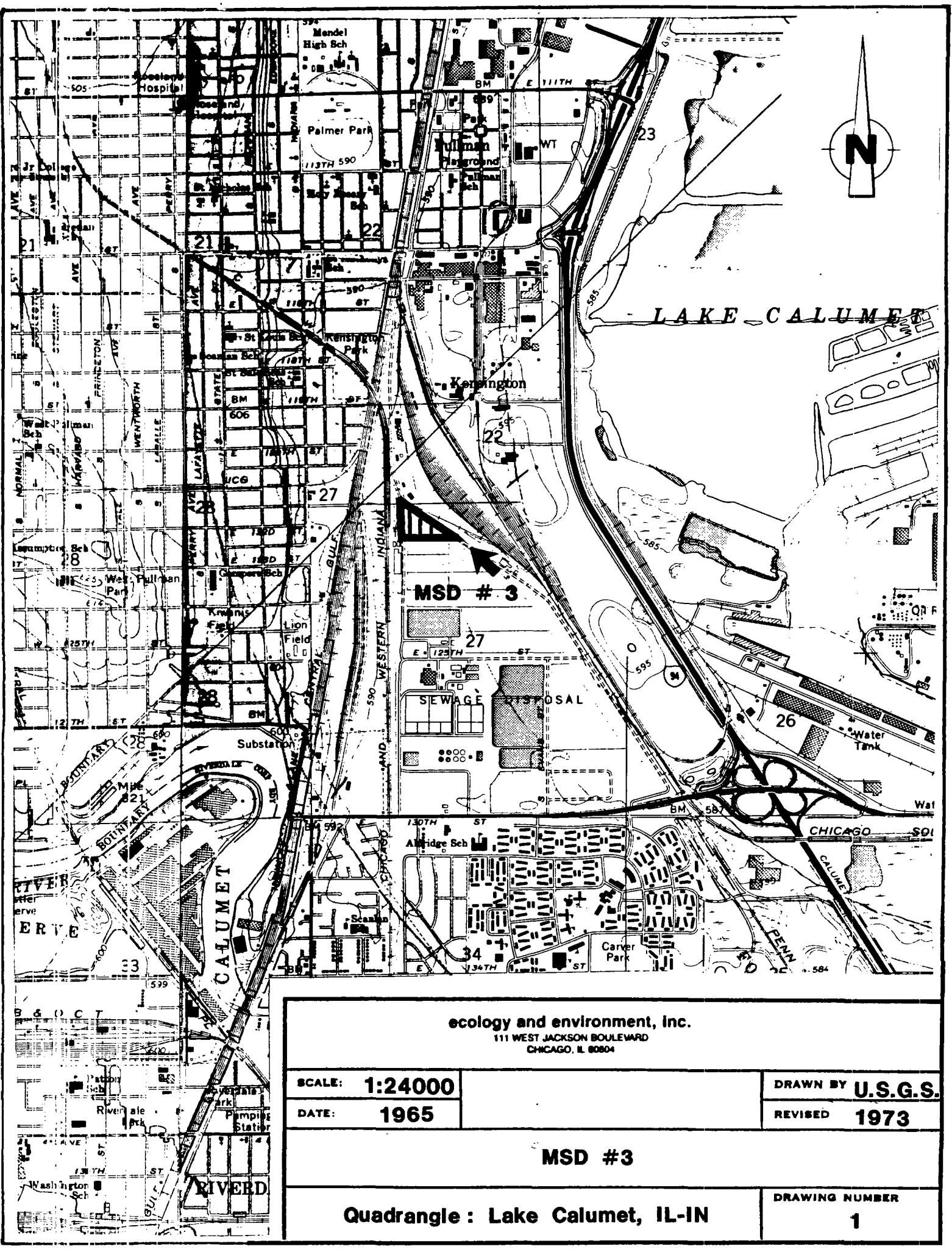
File information indicates M.S.D.G.C. has lodged numerous complaints against adjacent property owners. As a result, a berm and drainage ditch were constructed on the adjacent property in order to prevent runoff onto M.S.D #3. However, during the inspection, large leachate seeps were observed on the western border of the site. These seeps

appeared to have migrated onto MSD #3 from the adjacent property, referred to as U.S. Scrap. Samples 1 and 2 were collected in these leachate areas on the western border of the site. Along the eastern border near a drainage ditch samples 3 and 4 were taken. The fifth sample was collected on the surface in the fill area (See Map 2). Analysis of these samples found both surface soils and leachate areas to contain similar contaminants such as aroclor 1254, chloroform, chlorodane, chromium, lead, toluene, and 4,4' DDD.

There is no documentation to indicate the disposal of hazardous waste occurred on-site. Therefore the contamination present can not be attributed to the MSD #3 site and may be considered an extension of the adjacent site.

Due to the lack of documentation on hazardous waste quantity, type, toxicity, or persistence, the site would yield a migration score of zero.

35J:5X



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111 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604

SCALE: 1:24000

DATE: 1965

DRAWN BY U.S.G.S.

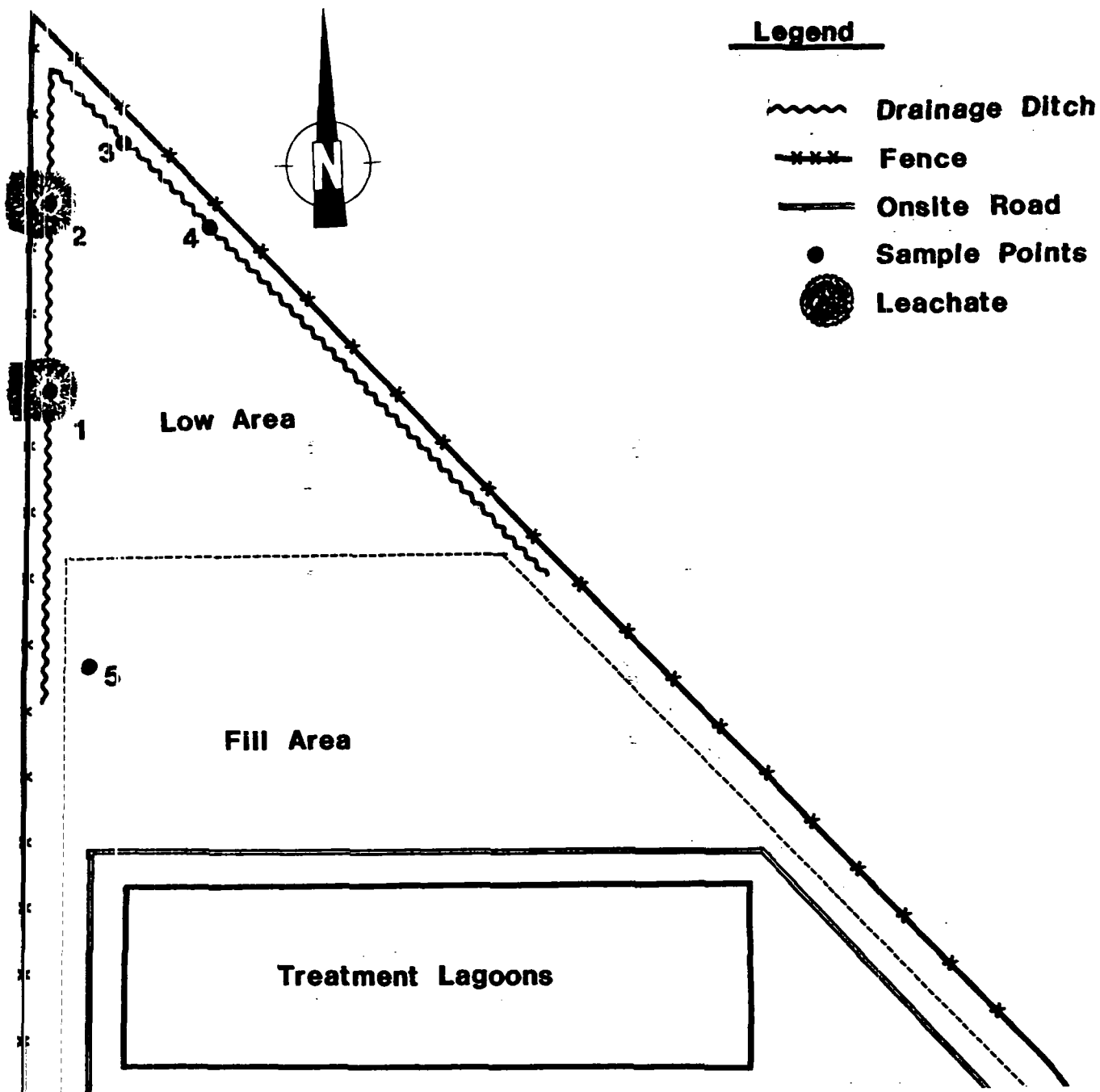
REVISED 1973

MSD #3

Quadrangle : Lake Calumet, IL-IN

DRAWING NUMBER

1



ecology and environment, inc.  
111 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604

SCALE: NA

DATE: 9/29/86

DRAWN BY RAJ

REVISED NA

MSD #3

Site Map

DRAWING NUMBER

2